

CLAIMS

What is claimed is:

1. A composition for treating a dermatological inflammatory response, comprising:

5 from about 0.02% to about 0.08% disodium EDTA;
from about 0.04% to about 0.20% sodium lauryl sulfate;
from about 0.015% to about 0.20% sodium citrate;
from about 0.01% to about 0.019% zinc chloride; and
from about 0.5% to about 3% oxidant.

10 2. The composition of claim 1, wherein the EDTA, the sodium lauryl sulfate, and the sodium citrate are mixed in an aqueous solution in an acidic pH range of from about 3.5 to about 4.5.

3. The composition of claim 1, further comprising from about 0.01% to about 0.02% citric acid.

15 4. The composition of claim 1, further comprising from about 3.6% to about 4.0% glycerin.

5. The composition of claim 1, wherein the oxidant is hydrogen peroxide.

6. The composition of claim 5, wherein the oxidant is 3% hydrogen peroxide.

7. A composition for treating a dermatological inflammatory response, comprising:

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from about 0.05% to about 0.06% disodium EDTA;
from about 0.07% to about 0.08% sodium lauryl sulfate;

from about 0.015% to about 0.80% zinc chloride;

from about 0.02% to about 0.03% sodium citrate; and

from about 1.8% to about 2.1% oxidant.

8. The composition of claim 7, wherein the ETDA, the sodium lauryl sulfate,

5 and the sodium citrate are mixed in an aqueous solution in an acidic pH range of
from about 3.5 to about 4.5.

9. The composition of claim 8, wherein the oxidant is hydrogen peroxide.

10. The composition of claim 9, wherein the zinc chloride further comprises from
about 0.01% to about 0.02% zinc chloride.

10 11. The composition of claim 7, further comprising from about 0.01% to about
0.02% citric acid.

12. A method of preparing a composition for treating a dermatological
inflammatory response, comprising:

dissolving disodium EDTA in deionized water to prepare a solution;

15 adding sodium lauryl sulfate and sodium citrate to the solution;

incubating the solution for about 5-10 minutes so that heat dissipates;

adding zinc chloride to the solution;

incubating the solution for about 5-10 minutes so that heat dissipates;

mixing the solution for about 30-60 minutes;

20 incubating the solution for a minimum of 4 hours;

adding an oxidant to the solution; and

mixing the solution for about 30-45 minutes.

13. The method of claim 12, wherein adding an oxidant further comprises adding hydrogen peroxide.

14. A composition for treating a dermatological inflammatory response as prepared in claim 13, wherein the composition further comprises,

5 about 0.053% disodium EDTA;
 about 0.077% sodium lauryl sulfate;
 about 0.019% zinc chloride;
 about 0.029% sodium citrate; and
 about 1.9% oxidant.

10 15. A method of treating a dermatological inflammatory response, comprising:
 providing a composition having:

 from about 0.05% to about 0.06% disodium EDTA;
 from about 0.07% to about 0.08% sodium lauryl sulfate;
 from about 0.01% to about 0.02% zinc chloride;
15 from about 0.02% to about 0.03% sodium citrate;
 from about 1.8% to about 2.1% oxidant; and

 applying the composition to an area of a body having the dermatological
inflammatory response.

16. The method of claim 15, wherein applying the composition further comprises
20 applying the composition at least one time daily.

17. The method of claim 15, wherein applying the composition further comprises
applying the composition at a frequency of from 3 to 5 times per day.

18. The method of claim 17, wherein applying the composition further comprises applying the composition while the dermatological inflammatory response is present.

19. The method of claim 15, wherein applying the composition further comprises
5 applying the composition to a skin surface.

20. A composition for treating a dermatological inflammatory response,
comprising:

about 0.053% disodium EDTA;

about 0.077% sodium lauryl sulfate;

10 about 0.019% zinc chloride;

about 0.029% sodium citrate; and

about 1.9% oxidant.